

MONUMENT RECORD

Corner ID: **BeBI_E13**

Section Corner

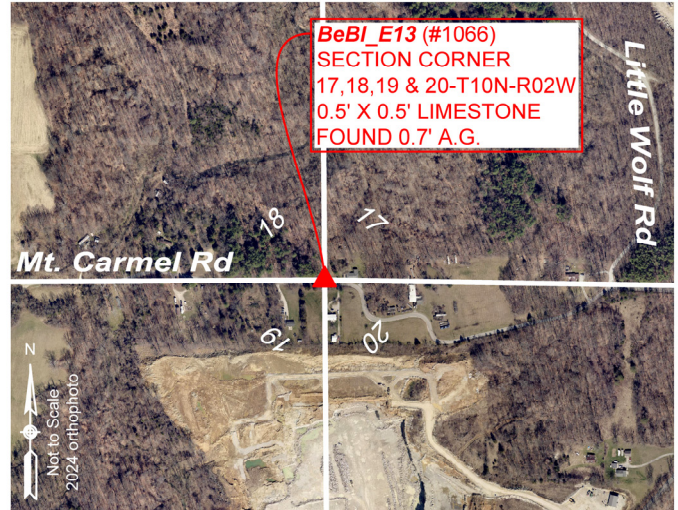
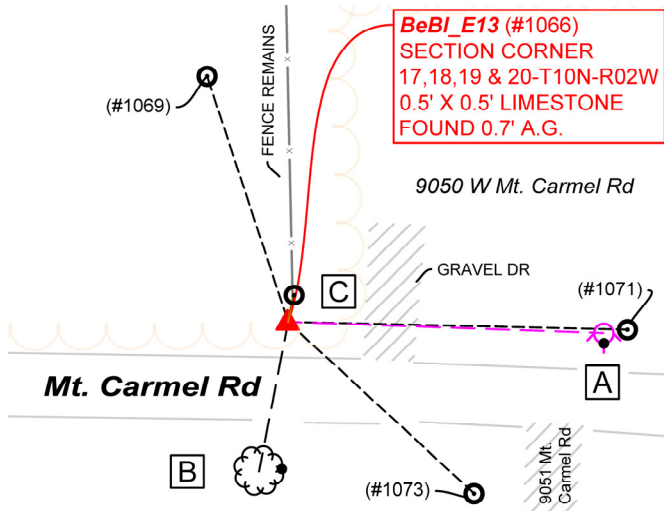
Sections 17, 18, 19 & 20- T10N-R02W, 2nd P.M.
Bean Blossom Township, Monroe County, Indiana

Section 18 T10N-R02W	Section 17 T10N-R02W
Section 19 T10N-R02W	Section 20 T10N-R02W

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

(#1066) 0.5' by 0.5' Limestone with X across top, found 0.7' above ground, near the top of a roadside bank on the north side of Mt. Carmel Road.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail. Distances to witness ties were measured with a Leica Disto laser distance meter. Bearings were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north.

ID	BEARING	DISTANCE	DESCRIPTION
Witness A	S 88d E	82.0'	PK nail found 2.7' above grade on the south side of a 7" power pole per 2004 MCSO tie sheet
Witness B	S 11d W	39.7'	Mag nail and washer found in hack 0.95' above grade on the east side of a 6" Sassafras tree
Witness C	N 11d E	7.0'	0.9" x 0.4" limestone wrapped in fencing found 0.5' above grade per 1985 MCSO tie sheet

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting

(#1069)	N18° 12' 59"W	67.42'	N:1474724.0988 ' E:3070254.5447' Rebar Lite
(#1073)	S47° 12' 07"E	65.90'	N:1474615.2841' E:3070323.9760' Rebar Lite
(#1071)	S88° 43' 04"E	88.27'	N:1474658.0840' E:3070363.8633' Deckard PLS capped rebar (see survey in instrument #2024006873)



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PHOTO IDENTIFIED: Photo Date: 12/04/2020



Photo Orientation & Description: From East looking West



Photo Orientation & Description: From North looking South

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: William Harris Deputy Surveyor

Where filed or recorded: Original Notes, page 263

Original monument: Post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	10"	S45°W	12 Links
Beech	10"	N72°W	31 Links

Notes:

SUBSEQUENT CORNER RESTORATION:

None found

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

SurveyID	Surveyor	Description	InstrumentNo
RSID004892	Farewell	Indiana Limestone Company - Bedford. Indiana - Property Survey Section 20 of Township Bean Blossom	
RSID004123	Curry, Douglas R.	Orpha Marker survey	
RSID005122	Graham, Charles D	Retracement Survey of Stinesville School and Fire Department Property 7951 & 7973 W Main st	2023003811.IN
RSID005506	Deckard, Eric Lee	Boundary Retracement Survey Anderson	2024006873.IN

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 12/02/2020 By: CAR & TER Monument Found: Stone BTs or Reference Objects Found: All witnesses per 2004 MSCO tie sheet were found Project #: BeBI Stones Field Book: 54/16 Notes:

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 08/23/2024 By: MES/WEP Monument Found: Stone BTs or Reference Objects Found: Yes, and new (survey grade) witnesses established. Project #: 24-004 Field Book: 57, Page 18 Notes:



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OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The Stone sits on and near the top of a roadside bank on the North side of Mount Carmel Road. There is an old North bound fence line that appears to be in line with the stone. The stone is just West of a drive at 9050 West Mt. Carmel Road.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

GPS coordinates were established on the stone. Existing visual references were checked. New Survey grade references consisting of 2 Rebar Lites and a found rebar were set or located within sight of the Stone that could be used to reestablish its location, should it become obliterated. The stone appears to have a slight lean to the South, which lean may gradually be getting worse, since South is downhill, and the stone sits on a roadside bank. A steel post with survey marker sign attached, facing South, was found 2.6' North of the stone.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.

The stone was found and is believed to be the monument set in 1854 by James Woodburn Deputy Surveyor, in Legal survey Book 1, page 267. Mr. Woodburn did not record the characteristics of the monument he set, or his method of establishment for setting it, but I presume with him being within 40 years of when the original post being set, that he had references to work from. Due to the existence of a second limestone that has potential corner stone characteristics, being found North 11 degrees East, 7.0' I would consider the stone at #1066 having a maximum uncertainty of 7'.

GEODETIC COORDINATES: Northing: 1474660.1' Easting:3070275.6'

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000046076.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 18 or 19, Township 10 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office.

CERTIFICATIONS:



Michael E. Sheppard

Date: 02/18/2025

Michael E. Sheppard

State of Indiana

Professional Surveyor

No. 20100021



Trohn Enright-Randolph

Date: 02/18/2025

Trohn Enright-Randolph

Monroe County Surveyor



Donna Babish

Accepted by the Monroe County

Surveyor Review Board on

02/18/2025



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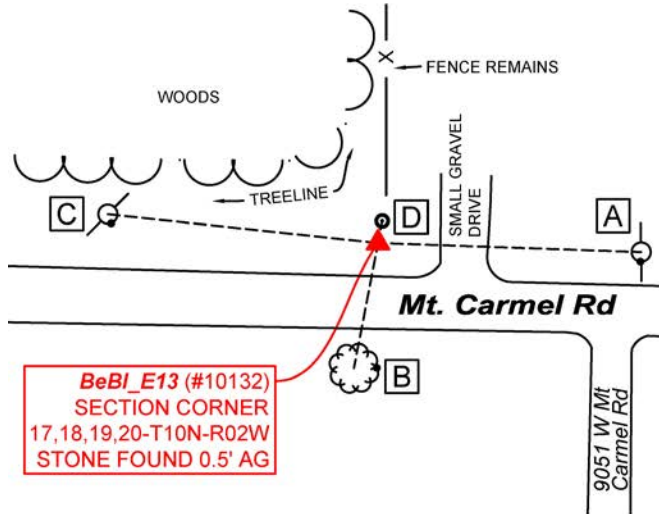
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MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
0.5" x 0.5" limestone with 'X' carved in the top and a small chip in the northeast corner found 0.7' above grade.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail. Distances to witness ties were measured with a Leica Disto laser distance meter. Bearings were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north.

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Witness B	S 11d W	39.7'	Mag nail and washer set in hack 0.95' above grade on the east side of a 6" maple
Witness C	N 84d W	84.7'	PK nail found 1.3' above grade on the south side of an 8" power pole per 2004 MCSO tie sheet
Witness D	N 11d E	7.0'	0.9" x 0.4" limestone wrapped in fencing 0.5' above grade per 1985 MCSO tie sheet

State Plane Coordinate (NAD83(2011)/Indiana West NAVD 88)-

GEODETIC COORDINATES PER 2004 MONUMENT RECORD: Northing: 1474660.30' , Easting: 3070275.36'



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PHOTO IDENTIFIED: Photo Date: 12/4/2020



Photo Orientation & Description: BeBl_E13 from above



Photo Orientation & Description: Looking north at BeBl_E13



Photo Orientation & Description: Looking west at BeBl_E13



Photo Orientation & Description: Looking east at BeBl_E13

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 12/02/2020 By: CAR & TER Monument Found: Stone BTs or Reference Objects Found: All witnesses per 2004 MSCO tie sheet were found Project #: BeBl Stones Field Book: 54/16 Equipment: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover. Coordinates are available upon request. Distances to witness ties were collected with a Leica Disto laser distance meter. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north and are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Notes: Witnesses A & C distances were measured by pulling tape due to the Leica Disto not being able to read those distances. All witness photos are on file in the Monroe County Surveyor's Office.

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

The stone is located at the top of a small slope on the north side of W Mt. Carmel Rd. There is a small gravel drive to the east of the stone and also woven wire fence remains to the north. It is west of the yard at 9050 W Mt Carmel Road. A Tpost is set 2.6' north of the stone with a "Protect Nearby Survey Marker" sign attached 3.0' above grade facing south.



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MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

New coordinates were collected, took a new witness, spray painted the stone orange, flagged all witnesses and set a Tpost with a "Protect Nearby Survey Marker" sign.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

A Limestone 0.5'x0.5'x0.6' out of the ground with "X" was previously witnessed and Monument Record prepared under the direction of the Monroe County Surveyor, Edmund O. Farkas, on April 04, 1985. The 1985 Monument Record accepted the Limestone 0.5'x0.5'x0.6' out of the ground with "X". The Limestone 0.5'x0.5'x0.6' out of the ground with "X" was witnessed and Monument Record prepared by Indiana Register Land Surveyor No. S0559, Ben Bledsoe, on December, 2004, under the direction of the Monroe County Surveyor, Steven V. Farkas. The 2004 Monument Record accepted the Limestone 0.5'x0.5'x0.6' out of the ground with "X".

CERTIFICATION:



Date: 1/27/2021
Trohn Enright-Randolph
Monroe County Surveyor



Accepted by the Monroe
County Surveyor Review
Board on date; 1/26/2021

